

IN THE CLAIMS:

Please cancel Claims 2-5, 8 and 10 without prejudice or disclaimer of the subject matter recited therein.

Please amend Claim 1 and add new Claims 11-13 as follows.

1. (Currently Amended) A target object modification apparatus comprising:

an aligner device configured to be able to manipulate a posture of a supplied target modification minute object;

first feed means configured to be able to supply the target modification minute object to said aligner device; ~~and~~

first injection means configured to be able to inject first modifiers onto the target modification minute object after the target modification minute object is set to a predetermined posture by said aligner device;

second injection means configured to be able to inject second modifiers onto the target modification minute object after the target modification minute object is set to a predetermined posture by said aligner device;

a carriage configured to align an injection position for the target modification minute object of said first injection means and said second injection means; and

second feed means configured to extract the target modification minute object from said aligner device.

Claims 2-5. (Cancelled).

6. (Original) The apparatus according to claim 1, further comprising a fixing device to stably fix the modified target modification minute object.

7. (Original) The apparatus according to claim 1, further comprising a recovery mechanism to execute at least one of cleaning and sterilization of said injection means.

Claim 8. (Cancelled).

9. (Original) The apparatus according to claim 1, wherein a plurality of aligner devices are arrayed to be able to simultaneously modify a plurality of target modification minute objects.

Claim 10. (Cancelled).

11. (New) The apparatus according to claim 1, wherein said first feed means and said second feed means are capillaries with electrodes.

12. (New) A target object modification apparatus, comprising:

an aligner device configured to be able to manipulate a posture of a supplied target modification minute object;

first feed means configured to be able to supply the target modification minute object to said aligner device;

first injection means configured to be able to inject first modifiers onto a first surface of the target modification minute object after the target modification minute object is set to a predetermined posture by said aligner device;

second injection means configured to be able to inject second modifiers onto a second surface of the target modification minute object at the same time that the first material is injected, after the target modification minute object is set to a predetermined posture by said aligner device;

and

second feed means configured to extract the target modification minute object from said aligner device,

wherein said first injection means and said second injection means are attached to opposite surfaces of said aligner device.

13. (New) A method for modifying modifiers onto a target object,

comprising:

a supply step of supplying a target modification minute object to an aligner device capable of manipulating a posture of the target modification minute object;

a first injection head moving step of moving a first injection head to the target modification minute object supplied by the aligner device;

a first aligning step of aligning the target modification minute object such that a first surface to which first modifiers should be added opposes the first injection head;

a first modifying step of injecting and modifying the first modifiers from the first injection head onto the first surface of the target modification minute object;

a second injection head moving step of moving a second injection head to the target modification minute object supplied by the aligner device;

a second aligning step of aligning the target modification minute object such that a second surface to which second modifiers should be added opposes the second injection head;

a second modifying step of injecting and modifying the second modifiers from the second injection head onto the second surface of the target modification minute object;

an extraction step of extracting the target modification minute object from the aligner device.